

APPENDIX C-3
APPLICATION OF HARRINGTON ET AL. CLAIMS TO THE
DISCLOSURE OF HARRINGTON ET AL. APPLICATION 09/253,022

Harrington et al. Claim 271

Harrington et al. Disclosure

A method to activate expression of an
endogenous gene in an isolated eukaryotic
cell comprising

Abstract
10:1
10:15-21
37:5-6
44:17-19, 26-28
46:3-4

introducing a vector construct into said
isolated eukaryotic cell,

Figures 1-4
14:28-30
34:3-4
44:26-28
47:16-22

said vector construct comprising in operable
combination

Figures 1-4
6:18-20
28:19-30
38:27-30
30:1-32:7
38:5
38:27-39:11

1) a promoter;

36:22-24

2) an exon sequence located 3' from and
expressed by said promoter

Figures 1-4
28:19-30
30:1-32.7
38:5
38:28-30

said exon being derived from a naturally
occurring eukaryotic gene

Figure 1
38:5-6

and not being a screenable marker gene; and

38:18-20
39:18-20
40:15-22
41:10-15

3) a splice donor sequence defining the 3' region of said exon	38:18-20
said splice donor sequence being derived from a naturally-occurring eukaryotic gene;	39:22-27
wherein said vector construct is non-homologously incorporated into the genome of a said isolated eukaryotic cell	22:4-10 25:19-22 39:30-40:2
and said splice donor sequence of the transcript encoded by said exon is spliced to a splice acceptor sequence of said endogenous gene.	39:28-40:6